

Amendments to the Specification:

Please amend the paragraph at page 1, line 21, to page 2, line 11, as shown below:

--However, there are some microorganisms which are adsorbed by a filtering material and do not re-extracted at the time of re-dispersion, and this causes a problem of being difficult to quantitatively determine these microorganisms. In addition, in the above-mentioned technical field, it is desired to have a technology for condensing the concentration of a microorganism at higher ~~quantitative~~quantity in a period shorter than the proliferation time of the microorganism by a simple procedure at low cost. Furthermore, regarding the waste treatment of a material, which is used at the time of condensation, it is also desired to have the material being low in cost, easy to use and hard to pollute environment at the time of disposal ~~wasting~~.--

Please amend the paragraph at page 2, line 17, to page 3, line 3, as shown below:

--However, blood itself is a liquid including much nourishment and functions as a medium for microorganisms; the disinfection method therefore causes various problems. For example, there is a limitation in the rate of disinfection, and the use of the drug may cause a harmful side effect. Regarding the harmful side effect of the drug in particular, if each bacteria gains resistance against a disinfectant, hospital-spread infection and the like may occur via blood, and this ~~arises the~~gives rise to a need for development of a newer disinfectant. In other words, the development of a disinfectant must be repeatedly competed with the gaining of the resistance against the disinfectant by bacteria, resulting in a social problem of today.--

Please amend the paragraph at page 3, lines 4 to 11, as shown below:

--Then, a simple physical disinfection method is desired, considering that the disinfectants for chemically removing bacteria should not be used daily and that the disinfectant should only be used strictly as the last means. Furthermore, it is desired that the materials and the like used for bacteria removal should be able to be waste-treated easily at low cost and should be hard to pollute environment at the time of ~~wasting~~disposal.--

Please amend the paragraph at page 15, lines 1-17, as shown below:

--Furthermore, it is effective that the above-mentioned circuit performs sweeping application by applying a positive voltage for microorganism migration to the first electrode of the above-mentioned n pieces of electrodes, applying a negative voltage for microorganism migration to the above-mentioned first electrode at the same time when applying a positive voltage for microorganism migration to the second electrode, [.....], applying a negative voltage for microorganism migration to the (n-1)th to the first electrodes at the same time when applying a positive voltage for microorganism migration to the "n"th electrode, furthermore, applying a negative voltage for microorganism migration to the "n"th to the second electrodes at the same time when applying a positive voltage for microorganism migration to the above-mentioned first electrode, whereby the microorganism are allowed to migrate from the first electrode to the "n"th electrode.--

Please amend Table 1 at page 37 as shown below:

TABLE 1

<u>Electrode</u>	Polarity of applied voltage - microorganism migration direction			
First electrode	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	↓	<input type="checkbox"/>	<input type="checkbox"/>	↓
Second electrode	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/> ↓	<input type="checkbox"/> ↓	<input type="checkbox"/>
Third electrode	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	↓	<input type="checkbox"/>
Fourth electrode	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	↓	<input type="checkbox"/>	<input type="checkbox"/>	↓

Please amend the paragraph at page 58, line 20 to page 59, line 1 as shown below:

Application No. 09/762,519

Reply to Office Action of October 3, 2003

--For example, it is possible to have a structure in which a metallic member having the highest oxidation/reduction potential, an electrically insulating structural member, a metallic member having the second highest oxidation/reduction potential, an electrically insulating structural member,[.....,] and a metallic member having the lowest oxidation/reduction potential are stacked in this order.--

Please delete the entire section entitled "ABSTRACT" and substitute therefor the substitute section "ABSTRACT" attached hereto.